

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/047,608
Source: IFw16
Date Processed by STIC: 8/20/05

ENTERED



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/047,608

DATE: 08/20/2005

TIME: 11:21:10

Input Set : A:\Sequence Listing.ST25.txt
 Output Set: N:\CRF4\08202005\J047608.raw

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3 <110> APPLICANT: Bell, Leonard
5 <120> TITLE OF INVENTION: METHOD OF PROPHYLAXIS AGAINST LARGE MYOCARDIAL INFARCTIONS
7 <130> FILE REFERENCE: 59
9 <140> CURRENT APPLICATION NUMBER: 10/047,608
10 <141> CURRENT FILING DATE: 2002-01-14
12 <150> PRIOR APPLICATION NUMBER: US 60/262,540
13 <151> PRIOR FILING DATE: 2001-01-18
15 <160> NUMBER OF SEQ ID NOS: 18
17 <170> SOFTWARE: PatentIn version 3.2
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 747
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Humanized antibody
28 <220> FEATURE:
29 <221> NAME/KEY: CDS
30 <222> LOCATION: (1)..(744)
32 <400> SEQUENCE: 1
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34 Met Ala Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser
35 1           5           10          15
37 gtg ggc gat agg gtc acc atc acc tgc ggc gcc agc gaa aac atc tat      96
38 Val Gly Asp Arg Val Thr Ile Thr Cys Gly Ala Ser Glu Asn Ile Tyr
39           20          25          30
41 ggc gcg ctg aac tgg tat caa cgt aaa cct ggg aaa gct ccg aag ctt     144
42 Gly Ala Leu Asn Trp Tyr Gln Arg Lys Pro Gly Lys Ala Pro Lys Leu
43           35          40          45
45 ctg att tac ggt gcg acg aac ctg gca gat gga gtc cct tct cgc ttc     192
46 Leu Ile Tyr Gly Ala Thr Asn Leu Ala Asp Gly Val Pro Ser Arg Phe
47           50          55          60
49 tct gga tcc ggc tcc gga acg gat ttc act ctg acc atc agc agt ctg     240
50 Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu
51 65           70          75          80
53 cag cct gaa gac ttc gct acg tat tac tgt cag aac gtt tta aat act     288
54 Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Asn Val Leu Asn Thr
55           85          90          95
57 ccg ttg act ttc gga cag ggt acc aag gtg gaa ata aaa cgt act ggc     336
58 Pro Leu Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr Gly
59           100         105         110
61 ggt ggt ggt tct ggt ggc ggt gga tct ggt ggt ggc ggt tct caa gtc     384
62 Gly Gly Gly Ser Gly Gly Ser Gly Gly Gly Ser Gln Val
63           115         120         125

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65	caa	ctg	gtg	caa	tcc	ggc	gcc	gag	gtc	aag	aag	cca	ggg	gcc	tca	gtc	432
66	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala	Ser	Val	
67	130						135			140							
69	aaa	gtg	tcc	tgt	aaa	gct	agc	ggc	tat	att	ttt	tct	aat	tat	tgg	att	480
70	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Ile	Phe	Ser	Asn	Tyr	Trp	Ile	
71	145						150			155			160				
73	caa	tgg	gtg	cgt	cag	gcc	ccc	ggg	cag	ggc	ctg	gaa	tgg	atg	ggt	gag	528
74	Gln	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met	Gly	Glu	
75							165			170			175				
77	atc	tta	ccg	ggc	tct	ggt	agc	acc	gaa	tat	acc	gaa	aat	ttt	aaa	gac	576
78	Ile	Leu	Pro	Gly	Ser	Gly	Ser	Thr	Glu	Tyr	Thr	Glu	Asn	Phe	Lys	Asp	
79							180			185			190				
81	cgt	gtt	act	atg	acg	cgt	gac	act	tcg	act	agt	aca	gta	tac	atg	gag	624
82	Arg	Val	Thr	Met	Thr	Arg	Asp	Thr	Ser	Thr	Ser	Thr	Val	Tyr	Met	Glu	
83							195			200			205				
85	ctc	tcc	agc	ctg	cga	tcg	gag	gac	acg	gcc	gtc	tat	tat	tgc	gcg	cgt	672
86	Leu	Ser	Ser	Leu	Arg	Ser	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Arg	
87							210			215			220				
89	tat	ttt	ttt	ggt	tct	agc	ccg	aat	tgg	tat	ttt	gat	gtt	tgg	ggt	caa	720
90	Tyr	Phe	Phe	Gly	Ser	Ser	Pro	Asn	Trp	Tyr	Phe	Asp	Val	Trp	Gly	Gln	
91	225						230			235			240				
93	gga	acc	ctg	gtc	act	gtc	tcg	agc	tga								747
94	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser									
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99	<211>	LENGTH:	248														
100	<212>	TYPE:	PRT														
101	<213>	ORGANISM:	Artificial														
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109	1					5			10			15					
112	Val	Gly	Asp	Arg	Val	Thr	Ile	Thr	Cys	Gly	Ala	Ser	Glu	Asn	Ile	Tyr	
113						20			25			30					
116	Gly	Ala	Leu	Asn	Trp	Tyr	Gln	Arg	Lys	Pro	Gly	Lys	Ala	Pro	Lys	Leu	
117						35			40			45					
120	Leu	Ile	Tyr	Gly	Ala	Thr	Asn	Leu	Ala	Asp	Gly	Val	Pro	Ser	Arg	Phe	
121						50			55			60					
124	Ser	Gly	Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Thr	Ile	Ser	Ser	Leu	
125							65		70			75			80		
128	Gln	Pro	Glu	Asp	Phe	Ala	Thr	Tyr	Tyr	Cys	Gln	Asn	Val	Leu	Asn	Thr	
129							85			90			95				
132	Pro	Leu	Thr	Phe	Gly	Gln	Gly	Thr	Lys	Val	Glu	Ile	Lys	Arg	Thr	Gly	
133						100			105			110					
136	Gly	Gly	Gly	Ser	Gly	Gly	Gly	Ser	Gly	Gly	Gly	Gly	Ser	Gln	Val		
137						115			120			125					
140	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala	Ser	Val	
141						130			135			140					

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Input Set : A:\Sequence Listing.ST25.txt
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144	Lys Val Ser Cys Lys Ala Ser Gly Tyr Ile Phe Ser Asn Tyr Trp Ile			
145	145	150	155	160
148	Gln Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met Gly Glu			
149	165	170	175	
152	Ile Leu Pro Gly Ser Gly Ser Thr Glu Tyr Thr Glu Asn Phe Lys Asp			
153	180	185	190	
156	Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu			
157	195	200	205	
160	Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg			
161	210	215	220	
164	Tyr Phe Phe Gly Ser Ser Pro Asn Trp Tyr Phe Asp Val Trp Gly Gln			
165	225	230	235	240
168	Gly Thr Leu Val Thr Val Ser Ser			
169	245			
172	<210> SEQ ID NO: 3			
173	<211> LENGTH: 747			
174	<212> TYPE: DNA			
175	<213> ORGANISM: Artificial			
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178	<223> OTHER INFORMATION: Humanized antibody			
181	<220> FEATURE:			
182	<221> NAME/KEY: CDS			
183	<222> LOCATION: (1)..(744)			
185	<400> SEQUENCE: 3			
186	atg gcc gat atc cag acc tcc ccg tcc tcc ctg tcc gcc tct	48		
187	Met Ala Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser			
188	1 5 10 15			
190	gtg ggc gat agg gtc acc atc acc tgc ggc gcc agc gaa aac atc tat	96		
191	Val Gly Asp Arg Val Thr Ile Thr Cys Gly Ala Ser Glu Asn Ile Tyr			
192	20 25 30			
194	ggc gcg.ctg aac tgg tat caa cag aaa cct ggg aaa gct ccg aag ctt	144		
195	Gly Ala Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu			
196	35 40 45			
198	ctg att tac ggt gcg acg aac ctg gca gat gga gtc cct tct cgc ttc	192		
199	Leu Ile Tyr Gly Ala Thr Asn Leu Ala Asp Gly Val Pro Ser Arg Phe			
200	50 55 60			
202	tct gga tcc ggc tcc gga acg gat ttc act ctg acc atc agc agt ctg	240		
203	Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu			
204	65 70 75 80			
206	cag cct gaa gac ttc gct acg tat tac tgt cag aac gtt tta aat act	288		
207	Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Asn Val Leu Asn Thr			
208	85 90 95			
210	ccg ttg act ttc gga cag ggt acc aag gtc gaa ata aaa cgt act ggc	336		
211	Pro Leu Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr Gly			
212	100 105 110			
214	ggt ggt ggt tct ggt ggc ggt gga tct ggt ggt ggc ggt tct caa gtc	384		
215	Gly Gly Gly Ser Gly Gly Ser Gly Gly Gly Ser Gln Val			
216	115 120 125			
218	caa ctg gtc caa tcc ggc gag gtc aag aag cca ggg gcc tca gtc	432		

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Input Set : A:\Sequence Listing.ST25.txt
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219	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala	Ser	Val	
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223	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Ile	Phe	Ser	Asn	Tyr	Trp	Ile	
224	145				150				155							160	
226	caa	tgg	gtg	cgt	cag	gcc	ccc	ggg	cag	ggc	ctg	gaa	tgg	atg	ggt	gag	528
227	Gln	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met	Gly	Glu	
228		165				170				175							
230	atc	tta	ccg	ggc	tct	ggt	agc	acc	gaa	tat	gcc	caa	aaa	ttc	cag	ggc	576
231	Ile	Leu	Pro	Gly	Ser	Gly	Ser	Thr	Glu	Tyr	Ala	Gln	Lys	Phe	Gln	Gly	
232		180				185			190								
234	cgt	gtt	act	atg	acg	cgt	gac	act	tcg	act	agt	aca	gtt	tac	atg	gag	624
235	Arg	Val	Thr	Met	Thr	Arg	Asp	Thr	Ser	Thr	Ser	Thr	Val	Tyr	Met	Glu	
236		195				200			205								
238	ctc	tcc	agc	ctg	cga	tcg	gag	gac	acg	gcc	gtc	tat	tat	tgc	gcg	cgt	672
239	Leu	Ser	Ser	Leu	Arg	Ser	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Arg	
240		210			215				220								
242	tat	ttt	ttt	ggt	tct	agc	ccg	aat	tgg	tat	ttt	gat	gtt	tgg	ggt	caa	720
243	Tyr	Phe	Gly	Ser	Ser	Pro	Asn	Trp	Tyr	Phe	Asp	Val	Trp	Gly	Gln		
244	225				230				235			240					
246	gga	acc	ctg	gtc	act	gtc	tcg	agc	tga							747	
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248		245															
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254	<213>	ORGANISM:	Artificial														
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262	1				5				10							15	
265	Val	Gly	Asp	Arg	Val	Thr	Ile	Thr	Cys	Gly	Ala	Ser	Glu	Asn	Ile	Tyr	
266					20				25						30		
269	Gly	Ala	Leu	Asn	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Lys	Ala	Pro	Lys	Leu	
270		35				40				45							
273	Leu	Ile	Tyr	Gly	Ala	Thr	Asn	Leu	Ala	Asp	Gly	Val	Pro	Ser	Arg	Phe	
274		50				55				60							
277	Ser	Gly	Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Thr	Ile	Ser	Ser	Leu	
278		65				70				75					80		
281	Gln	Pro	Glu	Asp	Phe	Ala	Thr	Tyr	Tyr	Cys	Gln	Asn	Val	Leu	Asn	Thr	
282					85				90						95		
285	Pro	Leu	Thr	Phe	Gly	Gln	Gly	Thr	Lys	Val	Glu	Ile	Lys	Arg	Thr	Gly	
286					100				105						110		
289	Gly	Gly	Ser	Gly	Gly	Gly	Ser	Gly	Gly	Gly	Gly	Ser	Gln	Val			
290		115				120				125							
293	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala	Ser	Val	
294		130				135				140							
297	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Ile	Phe	Ser	Asn	Tyr	Trp	Ile	

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298	145	150	155	160
301	Gln Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met Gly Glu			
302	165	170	175	
305	Ile Leu Pro Gly Ser Gly Ser Thr Glu Tyr Ala Gln Lys Phe Gln Gly			
306	180	185	190	
309	Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu			
310	195	200	205	
313	Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg			
314	210	215	220	
317	Tyr Phe Phe Gly Ser Ser Pro Asn Trp Tyr Phe Asp Val Trp Gly Gln			
318	225	230	235	240
321	Gly Thr Leu Val Thr Val Ser Ser			
322	245			
325	<210> SEQ ID NO: 5			
326	<211> LENGTH: 747			
327	<212> TYPE: DNA			
328	<213> ORGANISM: Artificial			
330	<220> FEATURE:			
331	<223> OTHER INFORMATION: Humanized antibody			
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335	<221> NAME/KEY: CDS			
336	<222> LOCATION: (1)..(744)			
338	<400> SEQUENCE: 5			
339	atg gcc gat atc cag atg acc cag tcc ccg tcc tcc ctg tcc gcc tct			48
340	Met Ala Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser			
341	1 5 10 15			
343	gtg ggc gat agg gtc acc atc acc tgc ggc gcc agc gaa aac atc tat			96
344	Val Gly Asp Arg Val Thr Ile Thr Cys Gly Ala Ser Glu Asn Ile Tyr			
345	20 25 30			
347	ggc gcg ctg aac tgg tat caa cag aaa ccc ggg aaa gct ccg aag ctt			144
348	Gly Ala Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu			
349	35 40 45			
351	ctg att tac ggt gcg acg aac ctg gca gat gga gtc cct tct cgc ttc			192
352	Leu Ile Tyr Gly Ala Thr Asn Leu Ala Asp Gly Val Pro Ser Arg Phe			
353	50 55 60			
355	tct gga tcc ggc tcc gga acg gat ttc act ctg acc atc agc agt ctg			240
356	Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu			
357	65 70 75 80			
359	cag cct gaa gac ttc gct acg tat tac tgt cag aac gtt tta aat act			288
360	Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Asn Val Leu Asn Thr			
361	85 90 95			
363	ccg ttg act ttc gga cag ggt acc aag gtg gaa ata aaa cgt act ggc			336
364	Pro Leu Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr Gly			
365	100 105 110			
367	ggt ggt ggt tct ggt ggc ggt gga tct ggt ggt ggc ggt tct caa gtc			384
368	Gly Gly Ser Gly Gly Ser Gly Gly Gly Ser Gly Gln Val			
369	115 120 125			
371	caa ctg gtg caa tcc ggc gcc gag gtc aag aag cca ggg gcc tca gtc			432
372	Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala Ser Val			

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PATENT APPLICATION: US/10/047,608 TIME: 11:21:11

Input Set : A:\Sequence Listing.ST25.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18

VERIFICATION SUMMARY

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